Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 14 Jul 2021 until 23:59 on Thursday 15 Jul 2021

Forecast Issued on Wednesday 14 Jul 2021 at 03:43

Confidence: High for settled conditions and trend towards warmer temperatures, moderate for extend of low cloud overnight.

Headline for Wednesday 14 Jul 2021: Patchy cloud this morning, clearing to a warm and sunny day.

Mountain weather hazards on Wednesday 14 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Sunny	Sunny	Clear night
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Wednesday 14 Jul 2021

Weather: Some patchy low cloud at first on Wednesday morning. The cloud will steadily lift during the morning as fair weather cloud also develops across the park Some sunny spells during the morning, becoming more prolonged into the afternoon. By evening, most of the cloud will have faded away leaving a warm and sunny evening across the park.

Chance of cloud free mountain/hill tops above 600m: 40% with broken bases around 500m at first becoming 100% by mid to late morning with scattered bases around 1000m.

Visibility: Very good for much of the day with distant summits visible. Poor visibility possible at first in early morning mist.

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Mountain Weather Forecast

Forecast for Wednesday 14 Jul 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/7 NW	8/11 NW	8/12 NW	12/17 W	13/20 W	10/16 W	10/16 W
300	2/6 NW	7/11 NW	6/11 NW	11/19 W	10/19 W	6/15 W	4/13 W
Valley	2/5 NW	5/9 NW	6/11 W	9/16 W	10/18 W	3/10 W	2/7 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/12	14/13	17/16	18/16	16/14	14/12	13/11
300	14/14	18/17	20/20	20/18	18/17	14/14	13/13
Valley	15/15	18/18	21/20	21/20	20/18	14/14	14/14
Freezing Level*	2600m	2600m	2600m	3100m	3400m	3300m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A warm day once the early low cloud clears, with very strong sunshine. Sun protection and staying well hydrated is advised.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 14 Jul 2021	0mm	4.2mm	24mm

Forecast for Thursday 15 Jul 2021

Weather: Low cloud will spread from the west overnight, hovering around the summits and persisting into the morning. From midday, cloud steadily lifting and clearing to leave another warm and sunny evening. Possibly some light drizzle early in the morning, but otherwise a dry day.

Maximum wind: North-westerly becoming north-easterly 10mph gusting 18mph

Chance of cloud free mountain/hill tops above 600m: 60% slowly increasing to 100%

Visibility: Moderate to poor early in the morning, with cloud base 500-600m. Steadily improving to good visibility for the rest of the day.

Temperature: **Valleys:** PS 15 degrees Celsius becoming PS 22 degrees Celsius.
At 600m: PS 10 degrees Celsius becoming PS 18 degrees Celsius.
Freezing level: Above summits.

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